

Converting Colors

XYZ(25.9661, 36.2653, 5.7326)

Have a look what the booklet for
XYZ(25.9661, 36.2653, 5.7326)
contains.

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Color

**XYZ(25.8331, 36.0720,
5.7159)**

Conversions

Conversions Part 1

Format	Color
Hex	8AAF04
RGB	138, 175, 4
RGB Percent	54%, 69%, 2%
CMY	0.4588, 0.3137, 0.9842
CMYK	0.21, 0.00, 0.98, 0.31
HSL	73°, 96%, 35%
HSV	73°, 98%, 69%
XYZ	25.8331, 36.0720, 5.7159
YIQ	144.4430, 32.8390, -61.0250

Conversions

Conversions Part 2

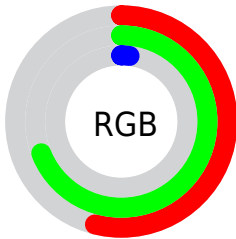
Format	Color
RYB	4, 175, 41
Decimal	9088772
CIELab	66.57, -32.05, 67.48
CIELCh	67, 74.707, 115.403
Yxy	36.0720, 0.3820, 0.5334
Android (android.graphics.Color)	4287278852 (0xFF8AAF04)
YUV	144.4430, -69.2384, -5.6505
Hunter-Lab	60.0600, -28.3282, 36.3994

Details

The XYZ color **25.8331, 36.0720, 5.7159** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **8.6972, 3.6544, 40.8066**, and the grayscale version is **26.9515, 28.3551, 30.8787**.

A 20% lighter version of the original color is **52.4567, 69.3040, 17.8200**, and **10.4392, 15.7129, 2.4827** is the 20% darker color. If you saturate the color by 10%, you get **25.6686, 35.9910, 5.5941**, and if you desaturate by 10%, it is **26.5898, 36.4496, 6.3689**.

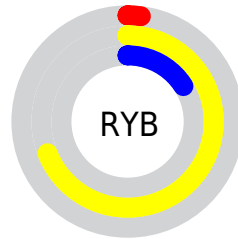
Distribution



Red (54%)

Green (69%)

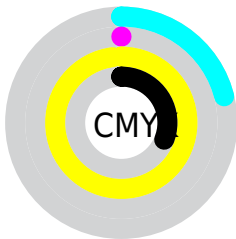
Blue (2%)



Red (2%)

Yellow (69%)

Blue (16%)

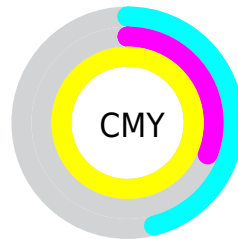


Cyan (21%)

Magenta (0%)

Yellow (98%)

Black (31%)



Cyan (46%)

Magenta (31%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8331, 36.0720, 5.7159 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 25.8331, 36.0720, 5.7159 by changing the saturation by 10% instead.

■ 25.8331, 36.0720,
5.7159

■ 25.8331, 36.0720,
5.7159

274.2336,
329.2751, 165.7252

■ 16.8308, 24.4898,
2.6071

■ 52.4388, 69.1432,
17.8057

■ 10.2085, 15.6974,
0.8961

■ 70.7729, 91.4010,
27.6238

■ 5.6008, 9.3103,
0.0000

■ 92.9484, 117.9861,
40.5154

■ 2.6422, 4.9441,
0.0000

■ 119.3306,
149.2829, 56.8991

■ 0.9675, 2.2145,
0.0000

■ 150.2849,
185.6758, 77.1933

■ 0.0000, 0.7279,
0.0000

■ 186.1766,

■ 0.0000, 0.0000,

227.5492, 101.8168

0.0000

227.3710,
275.2875, 131.1879

■ 25.8331, 36.0720,
5.7159

■ 25.8331, 36.0720,
5.7159

■ 25.6686, 35.9910,
5.5941

■ 26.5898, 36.4496,
6.3689

■ 27.4758, 36.8802,
7.5915

■ 28.5179, 37.3759,
9.5194

■ 29.7325, 37.9431,
12.2385

■ 31.1338, 38.5876,
15.8225

■ 32.7345, 39.3146,
20.3367

■ 34.5459, 40.1284,
25.8398

■ 36.5785, 41.0335,
32.3860

■ 38.8420, 42.0336,
40.0256

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



36.0451, 36.0720, 4.2615



25.8331, 36.0720, 5.7159



19.4078, 36.0720, 13.5906

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.8331, 36.0720, 5.7159



23.4300, 36.0720, 115.3204



60.6210, 36.0720, 44.4435

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



25.8331, 36.0720, 5.7159



8.6972, 3.6544, 40.8066

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.3037, 36.0720, 85.8820



25.8331, 36.0720, 5.7159



32.5839, 36.0720, 138.7617

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.8331, 36.0720, 5.7159



18.2476, 36.0720, 72.2176



44.4053, 36.0720, 125.7835



57.7181, 36.0720, 18.2755

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.8331, 36.0720, 5.7159



17.3496, 36.0720, 25.6637



44.4053, 36.0720, 125.7835



59.7082, 36.0720, 57.0103

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



25.8339, 36.0736, 5.7167



61.2557, 71.5910, 44.3704



18.4021, 10.5232, 1.1766



13.3089, 15.7746, 8.9262



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.8339, 36.0736, 5.7167



45.7773, 64.3561, 10.0093



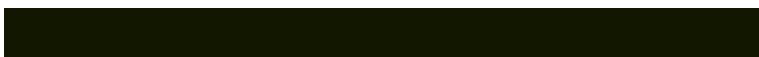
16.9456, 31.4915, 5.3007



8.4905, 9.2415, 8.5496



18.4345, 25.8004, 4.0084



0.5545, 0.7392, 0.1135

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8.6972, 3.6544, 40.8066



15.1305, 6.1992, 73.0360



16.0519, 7.4459, 41.1508



7.7349, 7.8377, 10.0578



6.1546, 2.5327, 29.2090



0.2163, 0.0937, 0.8147

Previews

White Background



This preview shows how the XYZ color 25.8331, 36.0720, 5.7159 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 25.8331, 36.0720, 5.7159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.8331, 36.0720, 5.7159

Background



This preview shows how black text looks on a background with the XYZ color 25.8331, 36.0720, 5.7159.



This preview shows how white text looks on a background with the XYZ color 25.8331, 36.0720,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

25.8331, 36.0720, 5.7159

Protanopia

32.2117, 35.7857, 5.2096

Deuteranopia

36.5538, 35.7241, 6.3354



Tritanopia

34.0705, 36.1013, 46.2468

Trichromacy



Original Color

25.8331, 36.0720, 5.7159

Protanomaly

29.5501, 35.7466, 5.3710

Deuteranomaly

31.7121, 35.2510, 5.8918

Tritanomaly

29.0121, 35.1256, 20.8736

Monochromacy



Original Color

25.8331, 36.0720, 5.7159

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

24.8525, 29.9838, 14.8335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8331, 36.0720, 5.7159 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(138, 175, 4)` looks like.

```
.text, #text, p{  
    color:rgb(138, 175, 4)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(138, 175, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 175, 4) }
```

Border

The CSS property to change the border of an element to XYZ 25.8331, 36.0720, 5.7159 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 175, 4) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(138, 175, 4) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(138, 175, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 175, 4); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 175, 4);  
box-shadow:4px 4px 4px 4px rgb(138, 175,  
4) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8331, 36.0720, 5.7159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 175, 4) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(138,  
175, 4) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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